

# AMPLI VOX<sup>®</sup>

## PORTABLE SOUND SYSTEMS

### User Guide

### S1297 / S1297-70 Wireless Companion

### Battery Powered Speaker



#### READ FIRST ABOUT BATTERY OPERATIONS!

BY OBSERVING A FEW SIMPLE RULES, YOU CAN EXTEND THE LIFESPAN OF THE SEALED LEAD ACID (SLA) BATTERIES THAT OPERATE YOUR AMPLI VOX BATTERY POWERED PORTABLE PA SYSTEM OR ACCESSORY:

"ALWAYS KEEP YOUR AMPLI VOX PORTABLE PA SYSTEM PLUGGED IN AND CHARGING WHEN NOT IN USE.

"FOR LONG TERM STORAGE (OVER 1 MONTH) WE RECOMMEND DISCONNECTING THE SLA BATTERIES TO AVOID GRADUAL, CONTINUOUS DISCHARGE.

"ALWAYS STORE SLA BATTERIES IN A CHARGED CONDITION WHEN REMOVED FROM SERVICE.

"NEVER LET THE BATTERY VOLTAGE DROP BELOW 10V.

"FOR SLA BATTERIES IN STORAGE, APPLY A TOPPING CHARGE EVERY SIX MONTHS.

"AVOID REPEATED DEEP DISCHARGES. THIS PRACTICE WILL CUT THE LIFE OF THE BATTERY SIGNIFICANTLY.

"AVOID OPERATING SLA BATTERIES AT ELEVATED AMBIENT TEMPERATURES.

"BATT STAT INDICATOR - RED = NO BATTERY POWER, YELLOW = 1 HOUR LEFT. CHARGE BATTERY OVERNIGHT FOR BEST RESULTS.



Thank you for choosing the **S1297 Wireless Companion Battery Powered Speaker** from *AmpliVox Portable Sound Systems*.

We are excited in introducing this truly unique system. Our system combines flexibility with functionality. Please refer to this user guide as you enjoy the unique capabilities of another quality product from *AmpliVox Portable Sound Systems*.

We encourage you to visit our website **www.ampli.com** to register your product for its warranty coverage, sign up to receive our newsletter, download our catalog, and learn more about the complete line of *AmpliVox* audio visual products, including portable PA systems, and lecterns.

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## IMPORTANT SAFETY INSTRUCTIONS

Before using this product, read the instruction manual for important safety information. Please retain this manual for future reference and warranty information.

### Troubleshooting & Servicing

Do not attempt to service or repair the device yourself. Refer all servicing to qualified service personnel. Do not attempt to modify the device in anyway. Doing so could invalidate your warranty.

### Cleaning

When cleaning the device, please use a soft, dry cloth. Never use benzene, paint-thinner, or other chemicals on the device.

### Location

Place the device in stable location, so it will not fall causing damage to the device or bodily harm.

### Intended use

The product may only be used with the original parts intended for it. The intended use includes adherence to the specified installation instructions. The manufacturer accepts no liability for damage arising due to improper use.

**WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## IMPORTANT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The unit's circuitry may cause interference to nearby radios. To prevent interference, either switch the unit off or move away from the affected radio.

NOTE: This equipment complies within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

NOTE: Shielded cables may be required to be used with this unit to ensure compliance with the Class B FCC limits.

## Getting Started/Quick Setup (Also Printed on Battery Cover)

1. Plug in speaker and charge batteries overnight.
2. Install battery into speaker transmitter **S1691T** and connect to the 1/4" output jack on the **SW915** using the supplied 1/4" to 1/8" cable.
3. Turn both the **SW915** and **S1297** units on with **POWER** switch.
4. The wireless receiver has its own **POWER / VOLUME** Control. Before you turn on the receiver, screw on the UHF antenna. Turn Power **On**. A Frequency Channel will appear in the Channel Display. Press **UP/DOWN** Buttons to select a channel. Channel number must match channel number on wireless transmitter. Before turning on the wireless speaker transmitter, use the provided screwdriver to set the transmitter channel selector switch to the same number that is displayed on the receiver.
5. Turn on wireless speaker transmitter **S1691T**. If the **RF** LED on the **S1297** receiver lights up you are now all set.
6. Adjust the **VOLUME** knob, located in the center of panel, as needed to the appropriate level.
7. In the rare event that you cannot get a clear signal on any of the channels, turn off both the **S1691T** wireless transmitter and the **S1297** receiver and use the 40 ft. audio cable supplied to directly connect the **SW915 LINE OUT** jack to the **S1297 LINE IN** jack.

If you need further assistance, please call  
1-800-267-5486, 8am-6pm M-F CST .



## S1297 SPECIFICATIONS

<b>Rated Power Output</b>	250W RMS
<b>Battery</b>	(2) 12 volt rechargeable, 7.2 AH, User accessible and replaceable
<b>AC Power</b>	110-220 V. Auto sensing, 50/60 Hz,
<b>Wireless Range</b>	Up to 300 Feet
<b>UHF Wireless Frequency</b>	655- 679 MHz
<b>Frequency Response:</b>	40Hz to 20Khz
<b>Sensitivity</b>	96dB
<b>Line input:</b>	Buffered, 600 ohm, 1/4in.jack (pre fader)
<b>Weight:</b>	35 lbs.
<b>Dimensions (HWD ):</b>	23in.H x 11.5in. W x 11in. D
<b>Warranty</b>	6 years Electronics; 1 year on Rechargeable Batteries.

## CONTROL / BACK PANEL



## OPERATION

**POWER SWITCH:** When power switch is in the **ON** position, the **BATTERY STATUS LED** will be illuminated. The color of the LED indicates the condition of the battery.

**Green** – battery fully charged; **Flashing Green** – charging  
**Yellow** – battery low, recharge immediately  
**Red** – battery must be recharged before use

To charge the batteries, connect the unit to 110-220VAC using the supplied power cord. The red **CHARGE/AC ON** LED will be illuminated indicating battery is charging. The batteries will charge when unit is operating with AC power, **HOWEVER the unit will charge faster with the power switch in the "off" position.**

**THE S1297 MUST BE PLUGGED IN AND CHARGING WHEN NOT IN USE TO MAXIMIZE BATTERY LIFE. RECHARGING THE UNIT ONLY WHEN THE BATTERY STATUS LED IS ORANGE OR RED WILL SHORTEN THE USEFUL LIFE OF THE BATTERIES.**

**FUSES:** There are two circuit protection devices that are user serviceable. The 25A circuit breaker protects the power supply and battery circuits. Press to reset. There is also a fuse in the AC jack. It is identified on the plastic with a drawing of a fuse.

### Detach the AC cord from the unit before replacement

This fuse protects the AC circuitry. Use a flat blade screwdriver in the slot on the top of fuse holder to slide the fuse holder out. Replace the fuse with a 10A/250V fuse if needed.

If after resetting and replacing the breaker and fuse, the **S1297** does not power on, please call AmpliVox Customer Service at 800-267-5486.

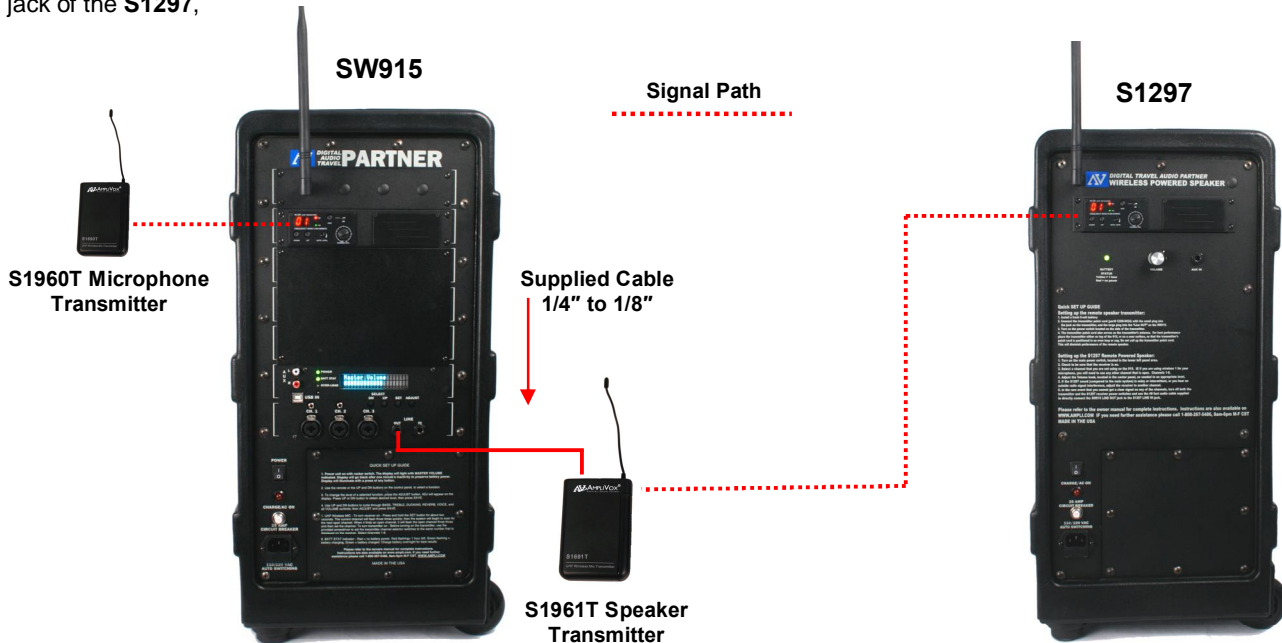
**WARNING! RISK OF SHOCK! DO NOT OPEN UNIT. NO USER SERVICEABLE PARTS INSIDE!**



## WIRELESS TRANSMITTER CONNECTION

Connect the speaker transmitter (**S1961T**) to the **LINE OUT** jack on the **SW915** with the supplied cable, which has a ¼+plug on one end for the **SW915**, a 1/8+ (3.5mm) plug on the other end for the speaker transmitter.

If using a cable connection instead of the wireless speaker transmitter, connect the **LINE OUT** jack of the **SW915** to the **LINE IN** jack of the **S1297**,

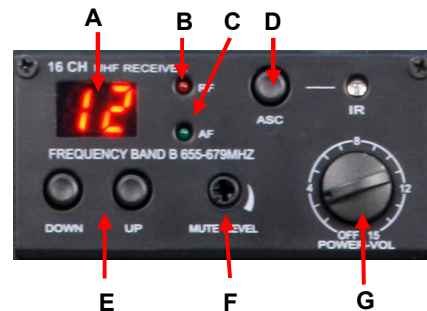


## WIRELESS SPEAKER RECEIVER

- Channel Display (A)
- RF - Radio Frequency Indicator (B)
- AF - Audio Frequency Indicator (C)
- ASC / IR Auto Channel Select (Feature Not Used) (D)
- Select Buttons - Manual Channel Selection (E)
- Mute Level Adjustment (F)
- Volume Control (G)

### SETUP:

- The **S1297** receiver has its own **POWER / VOLUME** Control (G). Make sure that you have screwed on the UHF antenna. Turn Power On (main power must also be on). A Frequency Channel will appear in the Channel Display (A). Press Select Buttons (E) to select a channel. Channel number must match channel number on wireless speaker transmitter.
- The speaker transmitter (**S1691T**) is operated by 1 - "AA" 1.5 Volt alkaline battery. Slide off battery cover (H) and install battery as shown. Make certain the battery is fully seated in its compartment so the cover slides in place easily. Battery life with alkaline batteries is approximately 8 hours of operating time.
- Select a channel (1-16) on side panel (I) using the supplied screw driver to select channel number. Channel selected should match channel on receiver. When transmitter and receiver are set to correct channel, the **RF** indicator (B) will glow red when transmitter is turned on. When receiver is receiving active signal / sound the **AF** indicator (C) will glow green.
- Slide the power **ON/OFF** switch (J) to the **ON** position (the LED indicator light will illuminate green). Replace batteries when this LED turns red.
- **MUTE LEVEL** (F) is set at half way mark when it leaves the factory. If speaker sound is breaking up, turn level clockwise with small screwdriver until condition improves.



Wireless Speaker Transmitter-S1691T



## AUDIO FUNCTION

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### VOLUME

This **VOLUME CONTROL** adjusts the sound level of this speaker. If the sound is distorted, reduce the volume level, if it is still distorted, reduce the level of the source at the **SW915** or other input device.

### INPUTS

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#### LINE IN JACK

The **S1297** panel has one ¼+jack labeled **LINE IN**. The **LINE IN** receives an external audio signal from any equipment the plug\$ cable is attached to.

### INDICATOR LED's

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*LED's starting from the left side;*

- #1 - POWER STATUS INDICATOR:** LED turns green when power is turned on.
- #2 - BATTERY STATUS LED INDICATOR:** LED is green when battery voltage is sufficient for operation.
- #3 - Not Used**
- #4 - WIRELESS MICROPHONE POWER INDICATOR LED** is yellow when power is turned on.



### **PROBLEM & ITEMS TO CHECK**

#### **UNIT WILL NOT TURN ON**

- Is unit plugged in?
- Are batteries charged?
- Are fuses blown?

#### **UNIT OPERATES ON AC BUT NOT BATTERY**

- Check battery terminals
- Check 25A Circuit Breaker. Reset if needed.

#### **SOUND IS DISTORTED**

- If overload LED is lit, turn down volume
- Turn down input source (such as keyboards, etc.) since the output of some devices may be too high
- Check for debris on speaker cone

#### **SOUND IS MUFFLED**

- Bass too high
- Treble too low

#### **FEEDBACK: ALOUD SQUEALING, SHRILL OR HOWLING SOUND THAT IS SELF GENERATED**

- Feedback occurs when a microphone is too close to the speaker or the microphone volume is too high, or the microphone is pointed towards the speaker. It is also caused by sound reflecting off hard surfaces.
- Reduce or eliminate Feedback by
  - Pointing the microphone in a different direction
  - Keeping the microphone BEHIND the speakers
  - Turn down the volume levels

#### **POWER IS ON, BUT NO SOUND**

- Check volume levels for each channel and main volume
- If using wireless, be sure receiver(s) and/or transmitter battery is installed and/or is on
- If using line insert+, loop must be completed.

#### **SIGNAL IS WEAK**

- Check batteries
- Check cables/connectors

#### **WIRELESS SPEAKER TRANSMITTER DOES NOT WORK**

- Check transmitter battery is alkaline and ensure transmitter is on.
- Does yellow signal+LED light when transmitter is turned on?
- Are the transmitter and receiver on the same channel? (1-16)

#### **WIRELESS SPEAKER CUTS IN AND OUT**

- Is unit visible (line of sight) from user? If not, move unit into view when using wireless microphone.
- Does the yellow signal+LED go out when signal drops out? Check battery in transmitter.
- Adjust MUTE LEVEL on receiver (turn clockwise).

#### **SPEAKER MAKES BUZZING NOISE (WHEN USING CABLES)**

- Check cables . a damaged cable will cause this. Unplug cables one at a time until buzzing stops.
- Check for Ground loops . use a ground loop isolator where needed. will not operate unless plugged into AC)

#### **BATTERIES WILL NOT HOLD CHARGE**

- Replace Batteries every 1-2 years if unit is not left charging when not in use.
- A full charge is best obtained when the unit is off and plugged into the AC outlet for several hours. After a year or two the battery may need to be replaced. Batteries are available from Amplivox.
- To replace the batteries use a Phillips screwdriver and take out the 8 screws from the battery cover on the control panel. Remove the foam spacer, set aside. Pull out the batteries to access the terminals.
- Carefully hold the battery with one hand while you remove the mating connector. Replace with new battery and push mating connector of battery wire onto the corresponding color/polarity. RED = POSITIVE, BLACK = NEGATIVE.
- Place the batteries back in the compartment. Replace the foam and screw in the cover.

**NEED HELP? Call 800-267-5486**

## DISCLAIMER

AmpliVox Portable Sound Systems, operates a policy of continuous development. AmpliVox reserves the right to make changes and improvements to any of the products described in this document without prior notice.

Under no circumstances shall AmpliVox be responsible for any loss of data or income or any special, incidental, consequential or indirect damages howsoever caused.

In some countries there may be some restrictions in using this equipment. Please check with your local radio frequency authorities.

## WARRANTY

### Limited Six (6) -Year Warranty

AmpliVox warrants this product to be free from defects in materials and workmanship (subject to the terms set forth below) for a period of six (6) years from the date of purchase (~~Warranty Period~~). All accessories and the battery are warrantee for 1 year. Accessories are; wireless and wired microphones, receivers and transmitters, CD players, cassette players, and digital players.

During the Warranty Period, AmpliVox will repair or replace (at AmpliVox's discretion) this product or any defective parts (~~Warranty Service~~).

Repair or replacement under the terms of this warranty does not give right to any extension or a new beginning of the period of warranty.

## CLAIMS UNDER THE WARRANTY

To obtain Warranty Service, **contact AmpliVox (800-267-5486)** to be assigned a **Return Authorization number (RA#)**. After receiving a RA#, the defective unit is to be returned to AmpliVox in either its original packaging or packaging affording an equal degree of protection. You will bear the cost of shipping the product to AmpliVox. If the product is covered by the warranty, AmpliVox will bear the cost of shipping product back to you after the completion of service under this warranty.

**Return shipping will be charged to you for products not covered by the warranty or requiring no warranty repair.**

The following information must be presented to obtain Warranty Service: **(a)** the RA# must be clearly and legibility marked on the outside of shipping carton, **(b)** proof of purchase, which clearly indicates the name and address of the seller, the date of purchase and the product type, which is evidence that this product is within the Warranty Period. Please further include **(c)** your return address, **(d)** daytime telephone number, and **(e)** reason for return.

## LIMITATION OF WARRANTY

This warranty is only valid for the original purchaser and will automatically terminate prior to expiration if this product is sold or otherwise transferred to another party. The warranty provided by AmpliVox in this statement applies only to products purchased for use, and not for resale. It does not apply to open box purchases, which are sold ~~as is~~ and without any warranty. Specifically exempt from warranty are limited-life consumable components subject to normal wear and tear, such as microphone windscreens, ear cushions, modular plugs, ear tips, decorative finishes, batteries, and other accessories. This warranty is invalid if the factory-applied serial number, date code label, or product label has been altered or removed from this product. This Warranty does not cover cosmetic damage or damage due to misuse, abuse, negligence, Acts of Nature, accident, disassembling or modification of, or to any part of, the product. This Warranty does not cover damage due to improper operation, maintenance or installation, or attempted repair by anyone other than AmpliVox. Any unauthorized repairs will void this warranty.

REPAIRS OR REPLACEMENTS AS PROVIDED UNDER THIS WARRANTY ARE THE EXCLUSIVE REMEDY OF THE CONSUMER. AMPLIVOX SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PRACTICAL PURPOSE.

**NOTE!** This warranty gives you specific legal rights. You may have other rights which vary from location to location. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or implied warranties, so the above exclusions may not apply to you. This warranty does not affect your legal (statutory) rights under your applicable national or local laws.



Dispose of the product according to local standards and regulations

Sept, 2013